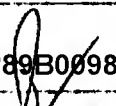


|  |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
|--|-------------------------------------|---|--|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| LOCKHEED AIRCRAFT CORPORATION  |                                     | ENGINEERING STUDY <input type="checkbox"/>          | 1. 1. 1. - 229-2 **  |                          |                            |                           |                          |                          |                          |                          |
| DATE 19 August 1965  |                                     | CHANGE PROPOSAL <input checked="" type="checkbox"/> |  |                          |                            |                           |                          |                          |                          |                          |
| NAME OF MAJOR COMPONENT<br>Lower Hatch Assembly  |                                     | PART OR LOWEST SUBASSEMBLY<br>Hatch                 | PART NO. & MODEL OR TYPE   |                          |                            |                           |                          |                          |                          |                          |
| TITLE OF PROPOSAL : FFD-4 PACKAGE  |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| NATURE OF PROPOSAL :<br><br>** See Page 2  |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| REASON FOR PROPOSAL :<br><br>(LAC-229) To permit the use of the FFD-4 system along with the "B" Configuration.<br>(LAC-229-1) Revised to provide FFD-4 hatches by modifying F240P hatches in lieu of F553 Type E-6 hatches.<br><br>** Revised to eliminate kits. Scope of job changed to test only. Use of "B" eliminated. |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| ES   | ESTIMATED COST AND TIME INVOLVED :  |   |  |                          |                            |                           |                          |                          |                          |                          |
|  | ADDITIONAL FUNDING REQUIRED :       |   |  |                          |                            |                           |                          |                          |                          |                          |
| CP   | ESTIMATED COST FOR KITS OR PARTS :  |   | BP-19.3  | 25X1                     |                            |                           |                          |                          |                          |                          |
|  | ADDITIONAL FUNDING REQUIRED :       |   | No   |                          |                            |                           |                          |                          |                          |                          |
| ITEMS AFFECTED BY PROPOSAL :   |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| SAFETY   | MISSION EFFECTIVENESS               | PERFORMANCE   | OPERATING PROCEDURE  | INTER-CHANGEABILITY      | WEIGHT OR WEIGHT & BALANCE | TOOLS & SUPPORT EQUIPMENT | MAINTENANCE PROCEDURE    | SERVICE LIFE             | FLIGHT MANUAL            | MAINTENANCE MANUAL       |
| <input type="checkbox"/>   | <input checked="" type="checkbox"/> | <input type="checkbox"/>                            | <input type="checkbox"/>   | <input type="checkbox"/> | <input type="checkbox"/>   | <input type="checkbox"/>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD   |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| SOURCE OF PARTS FOR KIT<br>GFAE and LAC  |                                     |   | AVAILABILITY - - WEEKS AFTER APPROVAL<br>(See Page 3)  |                          |                            |                           |                          |                          |                          |                          |
| DISPOSITION OF SPARES AFFECTED<br>Not affected   |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| Approved For Release 2002/10/31 : CIA-RDP89B00980R000200150027-8   |                                     |   |  |                          |                            |                           |                          |                          |                          |                          |
| INITIATED BY :   |                                     |   | APPROVED :  WSPG |                          |                            |                           |                          |                          |                          |                          |

**\*\* NATURE OF PROPOSAL:**

A surplus damaged hatch will be modified to provide a pressure sealed housing around the FPD-4 sensor and recorder. The FPD-4 heat exchanger will be mounted adjacent to the pressure box and interconnecting harnesses and plumbing will be installed. No provisions will be made for the B camera or System 6.

Harnesses required to interconnect the hatch, the ship's supply and the FPD-4 power package will be provided with the hatch.

A rack assembly will be provided with the hatch for mounting the FPD-4 power package in the Q-bay upper hatch.

Structure in the upper hatch for installation of the FPD-4 power package and its support rack will be provided in the test vehicle.

The ship's wiring will be identical to FPD-3 and will therefore require no change.

The FPD-4 components mentioned above, together with two (2) control panels, will be GFAE. The two (2) control panels must be suitable to fit in the number 3 and 4 R.H. console slots and must be lighted.

Power available for this package will be identical to the FPD-3 power.

An airplane must be made available for flight testing the first set of FPD-4 equipment. This program will consist of one (1) flight.

**\*\* GROUND HANDLING:**

No special ground handling is required.

**\*\* WEIGHT AND BALANCE:**

Not applicable. Test vehicle will be ballasted as required for test only.

**\*\* SCHEDULE:**

1. Hatch available for installation by 25 August 1965.
2. Installation of provisions and flight test complete one (1) week after receipt of aircraft.